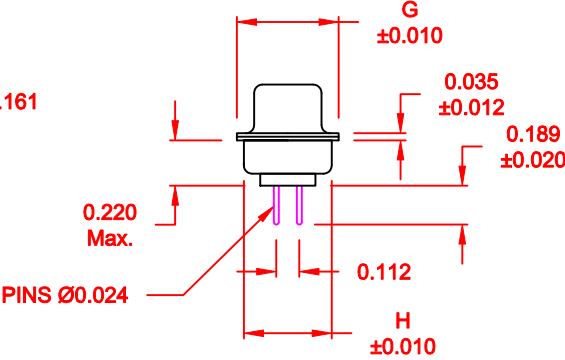
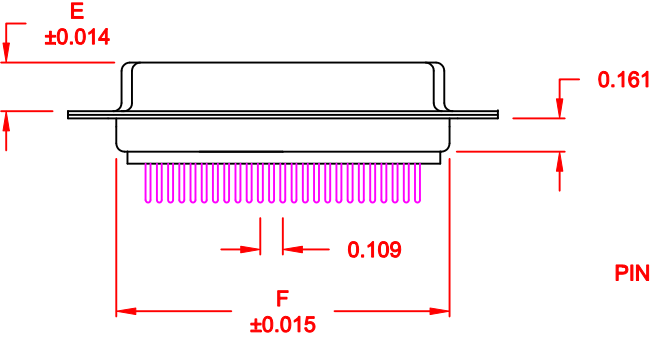
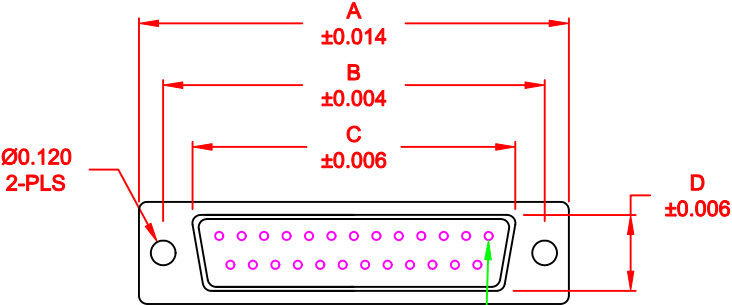


DESCRIPTION: FEMALE - DIP SOLDER / MACHINED - ECONOMY



**MATERIAL:**

SHELL: STEEL, YELLOW CHROMATE  
INSULATOR: UL 94V-O RATED, WHITE, PA6T  
PROCESS TEMP.: 260° PROCESS TEMPERATURE  
CONTACT: BRASS

**ELECTRICAL:**

CURRENT RATING: 5 AMPS  
CONTACT RESISTANCE: 15 mOhms Max.  
INSULATION RESISTANCE: 1,000 MOhms min.  
VOLTAGE: 500VAC FOR 1 MINUTE  
TEMPERATURE: -50° C TO 100° C

**DIMENSIONS**

| No. OF PINS | A     | B     | C     | D     | E     | F     | G     | H     |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 9           | 1.213 | 0.984 | 0.642 | 0.311 | 0.236 | 0.756 | 0.496 | 0.427 |
|             | 30.80 | 24.99 | 16.30 | 7.90  | 5.99  | 19.20 | 12.60 | 10.85 |
| 15          | 1.541 | 1.312 | 0.970 | 0.311 | 0.236 | 1.091 | 0.496 | 0.427 |
|             | 39.15 | 33.32 | 24.65 | 7.90  | 5.99  | 27.70 | 12.60 | 10.85 |
| 25          | 2.087 | 1.852 | 1.512 | 0.311 | 0.236 | 1.618 | 0.496 | 0.427 |
|             | 53.00 | 47.04 | 38.40 | 7.90  | 5.99  | 41.10 | 12.60 | 10.85 |
| 37          | 2.728 | 2.500 | 2.157 | 0.311 | 0.236 | 2.256 | 0.496 | 0.427 |
|             | 69.30 | 63.50 | 54.80 | 7.90  | 5.99  | 57.30 | 12.60 | 10.85 |
| 50          | 2.638 | 2.406 | 2.055 | 0.429 | 0.240 | 2.169 | 0.602 | 0.527 |
|             | 67.00 | 61.11 | 52.20 | 10.90 | 6.10  | 55.10 | 15.30 | 13.39 |

**172-EYY-211RYY1**

SERIES  
POSITIONS  
E09  
E15  
E25  
E37  
E50  
GENDER  
2 = FEMALE  
TERMINATION  
1 = DIP SOLDER  
SHELL PLATING  
1 = YELLOW CHROMATE (NON-ROHS)  
HARDWARE OPTIONS  
00 = NO HARDWARE  
01 = .098" CLINCH NUT (BOARD SIDE)  
02 = .236" CLINCH NUT (BOARD SIDE)  
03 = .236" CLINCH NUT (MOUNTING SIDE)  
05 = .237" 4-40 BOARD LOCK  
91 = .237" 4-40 SPACER/ BOARD LOCK  
PLATING OPTIONS  
1 = GOLD FLASH  
2 = 30MICRO-INCH GOLD

DO NOT SCALE FROM DRAWING

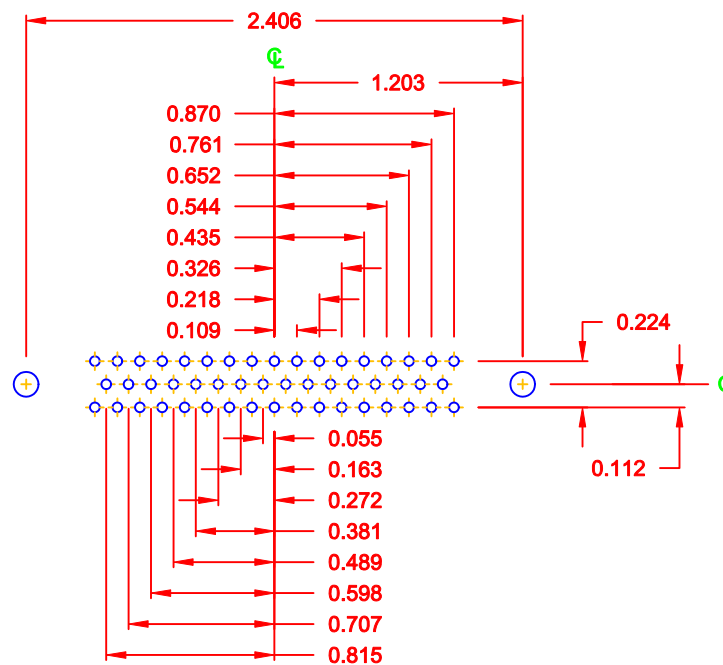
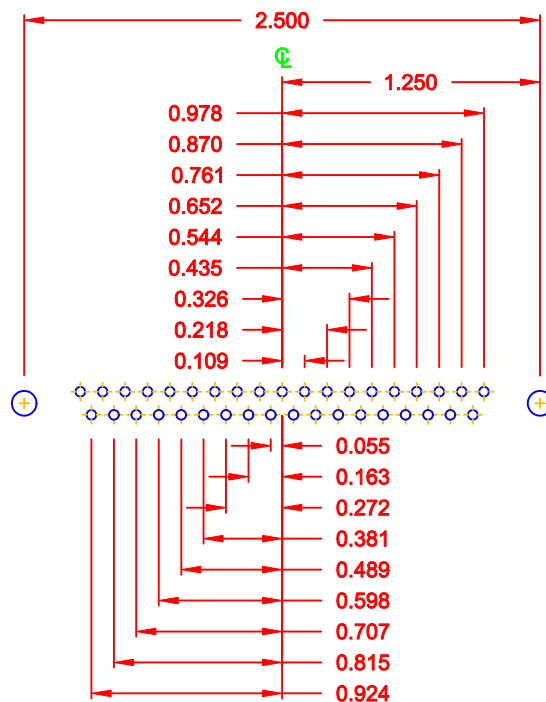
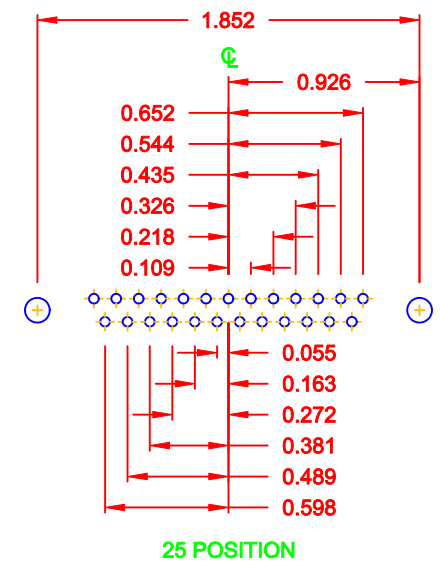
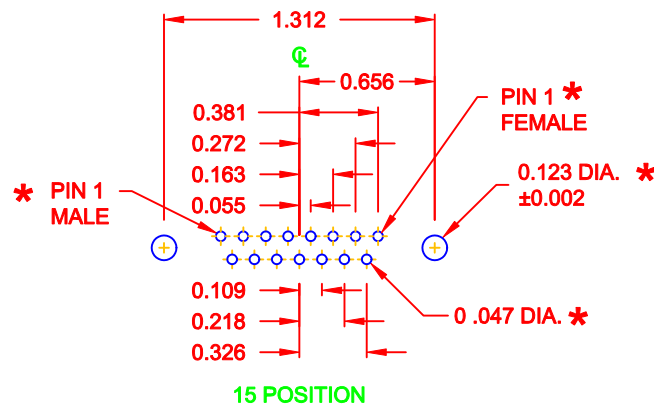
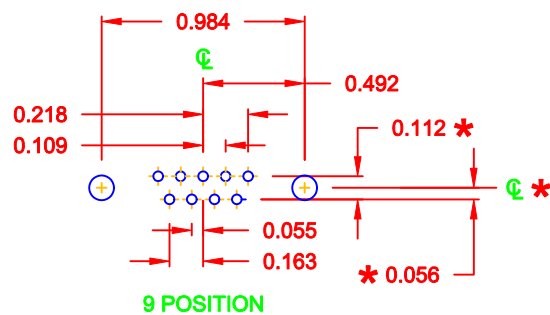


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|                                   |                                  |
|-----------------------------------|----------------------------------|
| DRAWN:<br><b>PAM JENKINS</b>      | DATE:<br><b>11-28-05</b>         |
| CHECKED:                          | DATE:                            |
| SCALE:<br><b>1 : 1</b>            | SHEET<br><b>1</b> OF<br><b>3</b> |
| DWG NO.<br><b>172-EYY-211RYY1</b> | REV<br><b>1</b>                  |

**NorComp**

DESCRIPTION: PCB LAYOUT - STANDARD "D" - MALE & FEMALE



\* TYP. ON ALL SIZES

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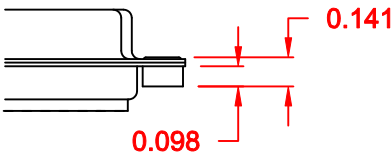
|                         |            |                   |          |
|-------------------------|------------|-------------------|----------|
| DRAWN:<br>C. SMITH      |            | DATE:<br>03-08-06 |          |
| CHECKED:                |            | DATE:             |          |
| SCALE:<br>FULL          | SHEET<br>2 | OF<br>3           | REV<br>1 |
| DWG NO. 172-EYY-211RYY1 |            |                   |          |

DESCRIPTION: CLINCH NUT HARDWARE

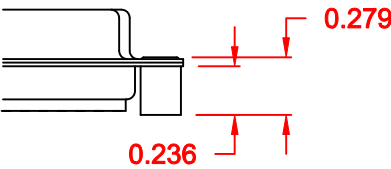
**TOLERANCE:**  
ALL DIMENSIONS ARE  $\pm 0.010$

**ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS**

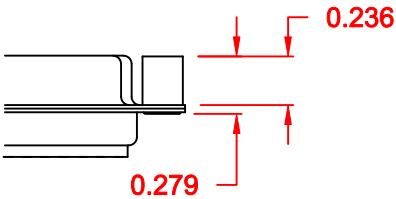
01X ..... 0.098" (BOARD SIDE) - CN1



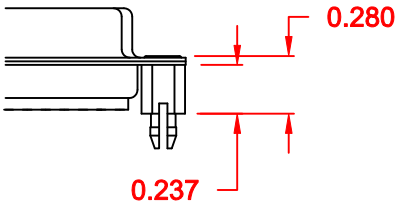
02X ..... 0.236" (BOARD SIDE) - CN2



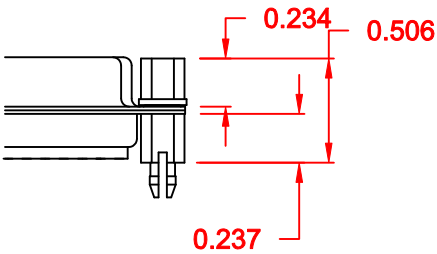
03X..... 0.236" (MATING SIDE) - CN8



05X ..... 0.237" (BOARD SIDE) - CN10



91X ..... 0.237" BOARD SIDE  
0.197 MATING SIDE  
CN10/SFSO4404



NOTE: 4-40 FEMALE SCREW LOCK IS REMOVABLE

**DO NOT SCALE FROM DRAWING**

|                                                                                      |                                                                                                                                                                                             |                                |  |                          |                 |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--|--------------------------|-----------------|
|  | THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF NorComp AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OF SALE OF APPARATUS WITHOUT WRITTEN PERMISSION. | DRAWN:<br><b>WAYNE ROBBINS</b> |  | DATE:<br><b>11-28-05</b> |                 |
|                                                                                      |                                                                                                                                                                                             | CHECKED:                       |  | DATE:                    |                 |
| <b>NorComp</b>                                                                       | SCALE:                                                                                                                                                                                      | SHEET<br><b>3</b>              |  | OF<br><b>3</b>           | REV<br><b>1</b> |
|                                                                                      | DWG NO.<br><b>172-EYY-211RYY1</b>                                                                                                                                                           |                                |  |                          |                 |